

CLAIMS

1. An inkjet recording method comprising:
 - jetting recording ink containing a color material onto a recording medium by a recording head, and colorless ink for improving gloss onto the recording medium by the recording head, to perform image formation; and
 - determining an adhered amount of the colorless ink per unit area in response to an adhered amount of the recording ink per unit area.
2. The inkjet recording method of claim 1, wherein a jetted position of the colorless ink is determined in response to a jetted position of the recording ink.
3. The inkjet recording method of claim 2, wherein the jetted position of the colorless ink is determined preferentially from a position that is not adjacent to or overlapped on the jetted position of the recording ink.
4. The inkjet recording method of claim 1, wherein the adhered amount of colorless ink is increased in a region where the adhered amount of recording ink is a predetermined amount or less than in a region where the adhered amount of recording ink is more than the predetermined amount.

5. The inkjet recording method of claim 1,
wherein the unit area for the adhered amounts of
the colorless ink and the recording ink is set at 1 mm
square or less, and a sum total of the adhered amounts of
the colorless ink and the recording ink in the unit area
is set at a predetermined amount or more.
6. The inkjet recording method of claim 5,
wherein the sum total of the adhered amounts of the
colorless ink and the recording ink in the unit area is 2
cc/m² or more.
7. The inkjet recording method of claim 6,
wherein the sum total of the adhered amounts of the
colorless ink and the recording ink in the unit area is
less than 13 cc/m².
8. The inkjet recording method of claim 5,
wherein the unit area for the adhered amounts of
the colorless ink and the recording ink is set as a block
formed of an aggregate of n (n>1) pieces of pixels.
9. The inkjet recording method of claim 8,
wherein a jetted position of the colorless ink
jetted onto the block is determined preferentially from a
pixel in which the adhered amount of the recording ink is
smaller.
10. The inkjet recording method of claim 1,
wherein the unit area for the adhered amounts of
the colorless ink and the recording ink is defined as one

pixel, and a sum total of the adhered amounts of the colorless ink and the recording ink in the unit area is set at a predetermined amount or more.

11. The inkjet recording method of claim 1, wherein the recording ink contains fine particles.
12. The inkjet recording method of claim 1, wherein the recording medium includes a micro-porous recording medium.
13. The inkjet recording method of claim 1, wherein a surface layer of the recording medium contains a thermoplastic resin.
14. The inkjet recording method of claim 13, wherein a fixing process including heating or pressurization is implemented for the recording medium on which the recording ink and the colorless ink are jetted.
15. The inkjet recording method of claim 1, wherein a rate of light absorbance change in mixing the recording ink and the colorless ink with each other is less than 5%.
16. An inkjet recording method comprising:
jetting recording ink containing a color material onto a recording medium by a recording head, and a colorless ink for improving gloss onto the recording medium by the recording head, to perform image formation, wherein a rate of light absorbance change in mixing the recording ink and the colorless ink with each other

is less than 5%.

17. An inkjet printer, comprising:

an image forming unit to jet recording ink containing a color material onto a recording medium by a recording head, and jet colorless ink for improving gloss onto the recording medium by the recording head, thereby performing image formation; and

a control unit to control the image forming unit, wherein the control unit determines an adhered amount of the colorless ink per unit area in response to an adhered amount of the recording ink per unit area.

18. The inkjet printer of claim 17,

wherein the control unit determines a jetted position of the colorless ink in response to a jetted position of the recording ink.

19. The inkjet printer of claim 18,

wherein the control unit determines the jetted position of the colorless ink preferentially from a position that is not adjacent to or overlapped on the jetted position of the recording ink.

20. The inkjet printer of claim 17,

wherein the control unit increases the adhered amount of the colorless ink in a region where the adhered amount of the recording ink is a predetermined amount or less than in a region where the adhered amount of the recording ink is more than the predetermined amount.

21. The inkjet printer of claim 17,
wherein the control unit sets the unit area for the
adhered amounts of the colorless ink and the recording
ink at 1 mm square or less, and sets a sum total of the
adhered amounts of the colorless ink and the recording
ink in the unit area at a predetermined amount or more.
22. The inkjet printer of claim 21,
wherein the control unit sets the sum total of the
adhered amounts of the colorless ink and the recording
ink in the unit area at 2 cc/m^2 or more.
23. The inkjet printer of claim 22,
wherein the control unit sets the sum total of the
adhered amounts of the colorless ink and the recording
ink in the unit area at less than 13 cc/m^2 .
24. The inkjet printer of claim 21,
wherein the control unit sets the unit area for the
adhered amounts of the colorless ink and the recording
ink as a block formed of an aggregate of n ($n > 1$) pieces
of pixels.
25. The inkjet printer of claim 24,
wherein the control unit determines a jetted
position of the colorless ink jetted onto the block
preferentially from a pixel in which the adhered amount
of the recording ink is smaller.
26. The inkjet printer of claim 17,
wherein the control unit defines the unit area for

the adhered amounts of the colorless ink and the recording ink as one pixel, and sets a sum total of the adhered amounts of the colorless ink and the recording ink in the unit area at a predetermined amount or more.

27. The inkjet printer of claim 17,
wherein the recording ink contains fine particles.
28. The inkjet printer of claim 17,
wherein the recording medium includes a micro-porous recording medium.
29. The inkjet printer of claim 17,
wherein a surface layer of the recording medium contains thermoplastic resin.
30. The inkjet printer of claim 29,
wherein a fixing process including heating or pressurization is implemented for the recording medium on which the recording ink and the colorless ink are jetted.
31. The inkjet printer of claim 17,
wherein a rate of light absorbance change in mixing the recording ink and the colorless ink with each other is less than 5%.
32. An inkjet printer, comprising:
an image forming unit to jet recording ink containing a color material onto a recording medium by a recording head, and jet colorless ink for improving gloss onto the recording medium by the recording head, thereby performing image formation; and

a control unit to control the image forming unit,
wherein a rate of light absorbance change in mixing
the recording ink and the colorless ink with each other
is less than 5%.